

| Sequence | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | . |
|------------------------|---|---|---|---|---|---|---|---|---|----|---|
| Symbol | | | | | | | | | | | |
| INFORMATION ITEMS | | | | | | | | | | | |
| Definition of Concepts | | | | | | | | | | | |
| Semantic attributes | | | | | | | | | | | |
| Tense | | | | | | | | | | | |
| Voice | | | | | | | | | | | |
| Grammar attribute | | | | | | | | | | | |
| Part of speech | | | | | | | | | | | |
| Case(upper position) | | | | | | | | | | | |

Figure 1

| Sequence | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | |
|------------------------|--|--|--|-------------------------|---|--|---|---|---|---|---|
| Symbol | I | saw | a | boy | with | a | telescope | near | the | bank | . |
| INFORMATION ITEMS | | | | | | | | | | | |
| Definition of Concepts | 1.the person speaking 2. the 9th letter of the English alphabet | to use the eyes to look at; to understand or recognize | 1.one 2.the first letter of English alphabet | A young male person | 1. in the presence of 2.beside 3.among 4.including | 1.one 2.the first letter of English alphabet | a tubelike scientific instrument, used for making distant objects look larger or closer | 1.not far from in distance, time, | 1.specific person or thing. 2.a group of 3.used for comparison | ? ; institution for keeping or lending money | |
| Semantic attributes | countable; single | | male; countable; single | male; countable; single | | | countable; single | | | countable; single | |
| Tense | | past tense | | | | | | | | | |
| Voice | | active passive | | | | | | | | | |
| Grammar attribute | pronoun | noun; verb | article, indefinite | noun | preposition | article, indefinite | noun verb | Preposition. verb. adverb. | Article, adverb | noun; verb | |
| Part of speech | subject | predicate | modifier of the object | object | modifier of the predicate or modifier of the object? | | | complementary of the predicate | | | |
| Case(upper position) | agent | behavior or act | | Object of the behavior | | | tool; behavior | | | place behavior | |

Figure 2

| | | Unified code | English | Chinese | Russian | Japanese | --- |
|-----------------------------|--------------------------|-----------------|------------------------|---------|---------|----------|-----|
| Basic word | | 01 | Laugh | 笑 | | | |
| Attached Synonym Code | A. Degree + | 01-1-x | Burst into laughter | 大笑 | | | |
| | B. Degree - | 01-2-x | Smile | 微笑 | | | |
| | C. Idiom | 01-3-x | | 笑逐颜开 | | | |
| | D. Written expression | 01-4-x | | | | | |
| | E. Oral expression | 01-5-x | | 笑哈哈 | | | |
| | F. Slang | 01-6-x | | | | | |
| | G. Common Saying | 01-7-x | | | | | |
| | H. Commenda- tory | 01-8-x | | | | | |
| | I. Derogatory | 01-9-x | Snicker | 傻笑 | | | |
| | Other synonym | 01-10-x | Grin | 咧嘴笑 | | | |

Figure 3

| | | | | | | | | | | |
|---------|-----------|---|--------|---|---|-----------|---|-----|------|---|
| I | saw | a | boy | with | a | telescope | near | the | bank | . |
| subject | predicate | | Object | ?modification of the predicate ?modification of the object | | | ?modification of the predicate ?modification of the object | | | |

Figure 4a

“I see a boy with a telescope 【 “modification of the subject” OR
“modification of the predicate” 】 near the bank.” 【 “institution for
keeping or lending money” OR “edge of a river or canal” OR “long
mound of earth/sand/snow” 】

Figure 4b

| | Modifying area | Nuclear area | Supplementary area |
|------------------|--------------------|--------------|--------------------|
| Subject area | | I | |
| Predicative area | ? with a telescope | see | near the bank |
| Object area | ? with a telescope | boy | |

Conjunction between Sentences

punctuation

Figure 5

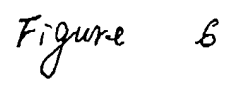


Figure 7